

Appl. No. 10/807,211
Amtd. Dated Jan.19, 2006
Reply to Office Action of November 8, 2005

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A surface lighting device for a display device, comprising:

a light guide plate having a light incident surface;

a light reflector substantially juxtaposed with the light guide plate, the light reflector having a reflecting portion obliquely opposite to the light incident surface; and

a point light source for emitting light beams, the point light source located between one end of the light reflector and the light incident surface, the point light source having a light emitting surface located inside the light reflector;

wherein the light reflector receives the light beams emitted from the point light source, and reflects the light beams into the light incident surface of the light guide plate.

Claim 2 (original): The surface lighting device as described in claim 1, further comprising a brightness enhancement film sandwiched between the light incident surface and the light reflector.

Claim 3 (canceled)

Claim 4 (original): The surface lighting device as described in claim 1,

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wherein the reflecting portion is a sidewall of the light reflector, and the light reflector further comprises a planar top wall and a planar bottom wall adjoining the sidewall.

Claim 5 (original): The surface lighting device as described in claim 1, wherein the light reflector has an arch-shaped cross-section.

Claim 6 (original): The surface lighting device as described in claim 1, wherein the reflecting portion comprises a plurality of prisms formed on an inside of the light reflector.

Claim 7 (original): The surface lighting device as described in claim 1, wherein the light reflector is generally L-shaped.

Claim 8 (original): The surface lighting device as described in claim 1, wherein an opposite end of the light reflector connects with the light incident surface.

Claim 9 (original): The surface lighting device as described in claim 8, wherein said opposite end is arcuate.

Claim 10 (original): The surface lighting device as described in claim 8, wherein the light reflector is arcuate.

Claim 11 (original): The surface lighting device as described in claim 1, wherein the surface lighting device comprises two light reflectors and two corresponding point light sources, the light reflectors and the light sources being arranged at opposite sides of the light guide plate respectively.

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Claim 12 (original): The surface lighting device as described in claim 11, wherein the light reflectors are arranged symmetrically opposite to each other at the opposite sides of the light guide plate.

Claim 13 (original): The surface lighting device as described in claim 11, wherein the two light reflectors are arranged opposite to each other such that the point light sources are diagonally opposite from each other.

Claim 14 (original): A surface lighting device for a display device, comprising: a light guide plate having a light incident surface; a mount portion for fixing a point light source thereon; and a light reflector coupled with the light incident surface of the guide plate; wherein, the light guide plate, the mount portion and the light reflector cooperate together to define a closed space therebetween, said space being adapted to receive light beams emitted from the point light source and to reflect the received light into the light incident surface of the light guide plate uniformly.

Claim 15 (original): The surface lighting device as described in claim 14, wherein a light emitting surface of the point light source is located inside the space.

Claim 16 (currently amended): A surface lighting device for a display device, comprising:

 a light guide plate having a light incident surface;
 a mount portion; and
 a light reflector coupled with the light guide plate and having a sidewall opposite to the light incident surface;

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wherein, one end of the sidewall connects with the light incident surface, and a point light source is provided between an opposite end of the light reflector and the light incident surface, and is positioned on the mount portion.

Claim 17 (canceled)

Claim 18 (currently amended): The surface lighting device as described in claim [17] 16, wherein the mount portion, the light guide plate and the light reflector cooperatively form a closed space therebetween.

Claim 19 (original): The surface light device as described in claim 14, wherein said space is essentially of a triangular configuration, and the mounting portion is one side of said triangular configuration and essentially extends in a lengthwise direction of the light guide plate.

Claim 20 (currently amended): The surface light device as described [n] in claim 16, wherein the point light sources is directed toward said end connecting said side wall and said light incident surface.